REMARKS

Claims 1, 5-14, 18-25 and 29-38 are pending in the present application. Claims 1, 5-14, 18-25 and 29-38 have been examined and are rejected. In the above amendments, claims 1, 14, 25 and 36-38 have been amended. Therefore, after entry of the above amendments, claims 1, 5-14, 18-25 and 29-38 will be pending in this application. Applicant believes that the present application is now in condition for allowance, which prompt and favorable action is respectfully requested.

Rejection of Claims 1, 5-14, 18-25 and 29-38 Under 35 U.S.C. §103(a)

Claims 1, 5-14, 18-25 and 29-38 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Baker *et al* (U.S. Patent No. 6,556,838).

Claim 1 of the present application, as amended, recites:

> "A method comprising:
>
> receiving power control instructions via a first link in a first plurality of frames, the power control instructions being sent from a first station to a second station and used to adjust transmit power of the second station;
>
> keeping a running history, up to a predetermined length, of the received power control instructions; and
>
> generating power control bits for transmission via a second link in a second plurality of frames, the power control bits being sent from the second station to the first station and used to adjust transmit power of the first station, the power control bits being generated based at least in part on the running history being kept for the power control instructions received via the first link, wherein m "zero" value power control bits and n "one" value power control bits are generated for each batch formed with a subset of the second plurality of frames, with m and n being integers determined based on number of power control instructions with "0" value and number of power control instructions with "1" value in the running history."

Applicant submits that claim 1 is patentable over Baker for at least the following reasons.

First, Baker does not disclose "generating power control bits for transmission via a second link … based at least in part on the running history being kept for the power control

instructions received via the first link," with the "the power control instructions being … used to adjust transmit power of the second station" and "the power control bits being … used to adjust transmit power of the first station," as recited in claim 1.

Baker describes a single power control loop used to adjust the transmit power of a mobile station. In the method shown in FIG. 2 of Baker, a mobile station (MS) **110** waits until G power control commands have been received on the reverse link from a base station (BS) **100** and then "determines if it should adjust its power based on the received power control commands." (See column 4, lines 49-51.) MS **110** does not generate power control bits to send on the forward link to BS **100** based on the power control commands received on the reverse link from BS **100**.

In contrast, claim 1 covers two power control loops, with (i) power control instructions being sent via a first link for one power control loop and used to adjust transmit power of the second station, and (ii) power control bits being sent via the second link for another power control loop and used to adjust transmit power of the first station. Furthermore, claim 1 recites generating power control bits (for one power control loop) … based at least in part on the running history being kept for the power control instructions (for another power control loop). Baker does not describe these features of claim 1.

Second, Baker does not disclose "wherein m "zero" value power control bits and n "one" value power control bits are generated for each batch," as recited in claim 1. Baker describes MS **110** combining G power control commands and determining, at block **208**, "whether it should adjust its power based on the received power control commands." (See column 4, lines 49-51.) Baker describes applying a group of power control commands to adjust transmit power but does not describe generating power control bits in batch.

The rejection states that Baker describes the above features of claim 1 in FIG. 2, column 4, lines 38-67, and column 5, line 35 to column 6, line 65. FIG. 2 and the corresponding text in column 4, lines 38-67 describe MS **110** adjusting its transmit power based on received power control commands but does not describe MS **110** generating power control bits for another station based on the received power control commands, as discussed above. Column 5, line 35 to column 6, line 65 describes simulation results for MS **110** adjusting its transmit power with and without combining G power control commands for different channel conditions. The cited figure and sections of Baker do not describe the features noted above for claim 1.

The rejection further states "note that the adjusted step size of Baker would result in a slowing of response under the appropriate conditions." In Baker, a station that receives power control commands may slow its response by combining the power control commands. In claim 1, a station that receives power control commands may slow the response of another station by generating and sending power control bits in the manner recited in claim 1. Thus, Baker and claim 1 perform different functions and achieve different results.

For at least the above reasons, Applicant submits that claim 1 is patentable over Baker. Claims 5-13 are dependent on claim 1 and are patentable over Baker for at least the reasons noted for base claim 1. These dependent claims may recite additional features not disclosed by Baker.

Independent claims 14, 25 and 36-38 have each been amended to recite the features noted above for claim 1. Claims 18-24 are dependent on claim 14, and claims 29-35 are dependent on claim 25. Claim 14, 18-25 and 29-38 are patentable over Baker for at least the reasons noted above for claim 1

Accordingly, the §103(a) rejection of claims 1, 5-14, 18-25 and 29-38 should be withdrawn.

CONCLUSION

In light of the amendments contained herein, Applicant submits that the application is in condition for allowance, for which early action is requested.

Please charge any fees or overpayments that may be due with this response to Deposit Account No. 17-0026.

Respectfully submitted,

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